

**Request to Archive
With The National Centers for Environmental Information
For El Salvador Precipitation Strip Chart Rescue
Provided by IEDRO**

2015-02-20

This information will be used by NCEI to conduct an appraisal and make a decision on the request.

1. Who is the primary point of contact for this request?

Nicodemus Larry
IEDRO > International Environmental Data Rescue Organization
Meteorologist
828-231-4543
Larry.Nicodemus@gmail.com
e-mail or Telephone

2. Name the organization or group responsible for creating the dataset.

IEDRO > International Environmental Data Rescue Organization

3. Provide an overview summarizing the scope of data you want to archive. Describe the outputs, data variables, including their measurement resolution and coverage.

Synoptic and Summary Of Day data Images are produced to rescue and preserve paper records. These images will be used to key observational data and included in existing databases. Digitized data will be made available for researchers, educators, planners and scientific modelers to use to improve warning systems and for emergency planning.

4. What is the time period covered by the dataset? (YYYY-MM-DD, YYYY-MM or YYYY)

From 1960
Ongoing as continuous updates to the data record

5. Edition or version number(s) of the dataset:

N/A

6. Approximate date when the dataset was or will be released to the public:

2016-01-01

7. Who are the expected users of the archived data? How will the archived data be used?

Educators, researchers, agricultural and scientific modelers, economists, planners, etc.

8. Has the dataset undergone user evaluation and/or an independent review process? Did NCEI participate in design reviews?

image quality has been reviewed. Digitized data were digitized by 3 independent operators and compared to other keyed values. The digitized data were forced to agree with the other 3 independently keyed values. When keyed and matching values agree, they are saved to intermediate files and later submitted for archiving.

9. Describe the dataset's relationship to other archived datasets, such as earlier versions or related source data. If this is a new version, how does it improve upon the previous version(s)?

These digitized data values will be at 10-15 minute intervals and intended to either supplement existing precipitation data sets or provide the data for a new data set.

10. List the input datasets and ancillary information used to produce the data.

Precipitation strip chart images of the original paper strip charts will be used for digitizing interval precipitation data for archival.

11. List web pages and other links that provide information on the data.

None currently available.

12. List the kinds of documents, metadata and code that are available for archiving. For example, data format specifications, user guides, algorithm documentation, metadata compliant with a standard such as ISO 19115, source code, platform/instrument metadata, data/process flow diagrams, etc.

1. Precipitation strip chart images

Digitized precipitation data at 15-minute intervals

13. Indicate the data file format(s).

1. PNG

2. TIFF

3. JPG

14. Are the data files compressed?

No

15. Provide details on how the files are named and how they are organized (e.g., file_name_pattern_YYYYMM.tar in monthly aggregations).

NNNNNN_YYYY-MM-DD_nnnn.jpg where NNNNNN is a station number, YYYY-MM-DD are the year-month-and day, nnnnis a sequential number generated by the imaging camera.

16. Explain how to access sample data files and/or a file listing for previewing. If it is not available now, when will it be available?

Available 2016-01-01

17. What is the total data volume to be submitted?

Historic Data: all historic data or data submitted as a completed collection.

Total Data Volume: 7GB

Number of Data Files: 47000

18. Are later updates, revisions or replacement files anticipated? If so, explain the conditions for submitting these additional data to the archive.

El Salvador NHMS personnel will provide additional images for review and digitization.

19. Describe the server that will connect to the ingest server at NCEI for submitting the data.

Physical Location: 901 Main St., Deale, Maryland 20751 USA

System Name: El Salvador Precipitation Strip Charts

System Owner: IEDRO > International Environmental Data Rescue Organization

Additional Information:

20. What are the possible methods for submitting the data to NCEI? Select all that apply.

1. FTP PULL
2. FTP PUSH

21. Identify how you would like NCEI to distribute the data. Web access support depends on the resources available for the dataset.

1. Unknown
2. Direct download links

22. Will there be any distribution, usage, or other restrictions that apply to the data in the archive?

No known constraints apply to the data.

23. Discuss the rationale for archiving the dataset and the anticipated benefits. Mention any risks associated with not archiving the dataset at NCEI.

These data will provide interval precipitation data for extreme value analyses and models which will improve forecasting technology to improve warning systems and minimize loss of life.

24. Are the data archived at another facility or are there plans to do so? Please explain.

El Salvador NHMS has the original paper records and will send them to IEDRO for imaging and digitization. The resulting images and digitized data will be returned to El Salvador for archival and distribution on request.

25. Is there an existing agreement or requirement driving this request to archive? Have you already contacted someone at NCEI?

No

26. Do you have a data management plan for your data?

No

27. Have funds been allocated to archive the data at NCEI?

No

28. Identify the affiliated research project, its sponsor, and any project/grant ID as applicable.

N/A

29. Is there a desired deadline for NCEI to archive and provide access to the data?

No deadlines for archive or access.

30. Add any other pertinent information for this request.

None